



S1 – Acquisition <ul style="list-style-type: none">- Capturing a panoramic image by means of a still digital camera or a digital video camera equipped with a panoramic objective lens according to the present invention<ul style="list-style-type: none">? Obtaining an image ellipsoid (D1, D2)
S2 - Transfer of the image file into a computer <ul style="list-style-type: none">- Transfer of the image file of the image ellipsoid into a microcomputer,- Storage in the auxiliary storage (optional)
S3 - Correction of the image ellipsoid <ul style="list-style-type: none">- Transfer of the image points of the image ellipsoid into a virtual image disk of radius D2 comprising more image points than an image disk of radius D1,<ul style="list-style-type: none">? Obtaining a classical image disk
S4 – Digitisation <ul style="list-style-type: none">- Transfer of the image points of the image disk into a system of axes OXYZ in spherical coordinates<ul style="list-style-type: none">? Obtaining a hemispherical panoramic image
S5 - Interactive display <ul style="list-style-type: none">- Determination of the image points of an image sector to be displayed- Display of the image sector on a display window- Detection of the user's actions on a screen pointer or any other control means,- Detection of the user's actions on keys for image enlargement,- Modification of the sector displayed (sliding the image sector displayed on the surface of the hemisphere and/or shrinking/expanding the image sector displayed)

Fig. 8

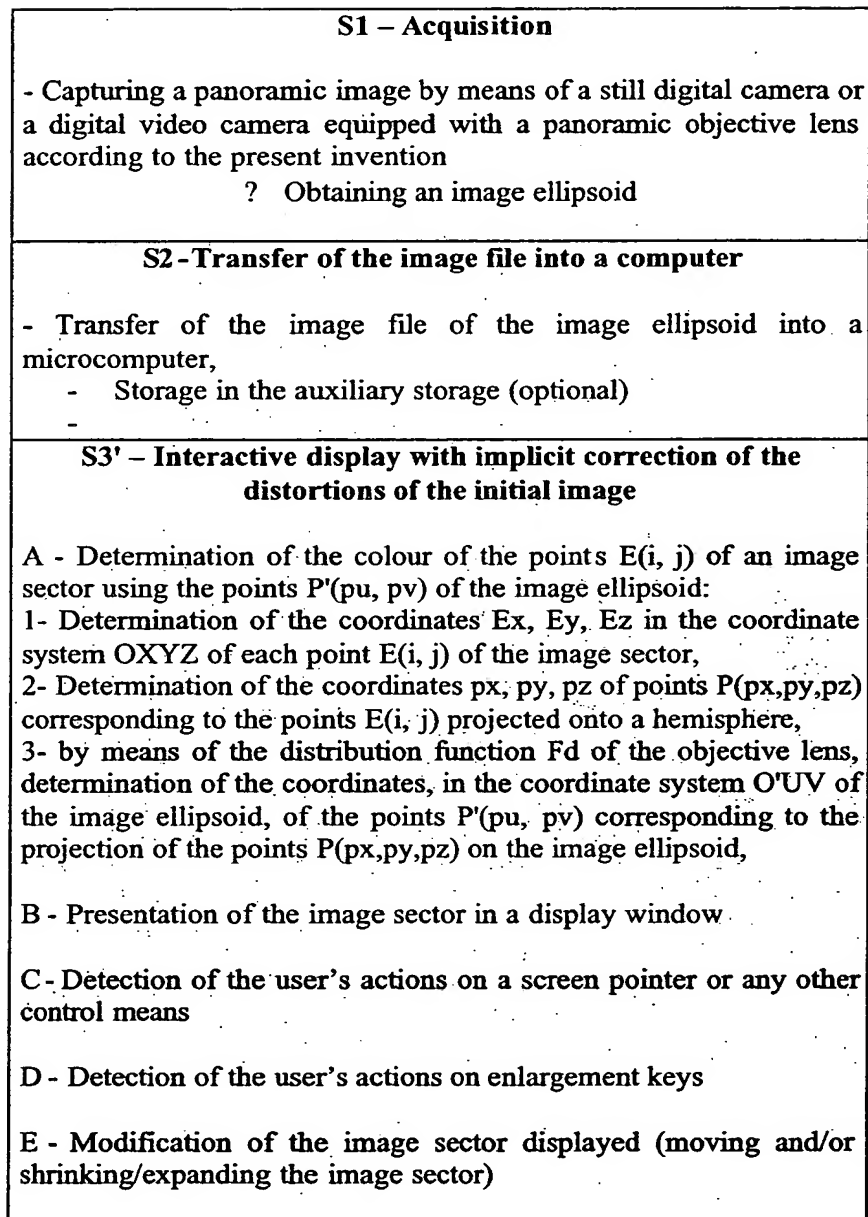


Fig. 10